MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

SEPTEMBER 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.5	55.3	55.8	55.5	31.5	23.8	28.3	30.4	25.7	28.1
2	56.8	54.7	57.6	56.4	31.5	23.8	28.8	31.0	26.3	28.7
3	58.2	57.9	57.9	58.0	31.4	24.3	27.8	31.1	26.1	28.3
4	57.5	56.9	57.2	57.2	31.7	23.8	28.8	31.3	26.0	28.7
5	56.6	56.4	56.9	56.6	31.0	24.3	27.8	30.8	26.1	28.2
6	57.2	56.4	57.3	57.0	33.8	25.9	28.8	33.8	27.3	30.0
7	57.6	57.6	58.3	57.8	32.2	24.5	29.7	30.5	26.3	28.8
8	58.7	57.7	57.8	58.1	31.2	23.8	27.7	30.3	25.4	27.8
9	57.4	56.6	57.9	57.3	31.1	24.1	28.3	31.1	25.3	28.2
10	57.6	57.3	58.2	57.7	31.9	24.0	28.3	31.9	26.6	28.9
11	58.5	57.7	58.2	58.1	31.9	23.9	28.1	30.6	26.0	28.2
12	57.8	56.8	56.8	57.1	31.8	23.4	28.3	31.3	26.1	28.6
13	56.9	55.5	56.1	56.2	31.3	23.8	28.3	31.1	26.1	28.5
14	55.1	54.2	54.6	54.6	31.1	21.4	28.2	31.0	26.1	28.4
15	55.3	55.0	56.4	55.6	30.2	23.2	21.4	28.7	24.9	25.0
16	57.2	57.3	56.5	57.0	30.9	23.8	27.7	30.8	25.5	28.0
17	59.1	58.7	58.8	58.9	31.5	23.8	28.3	31.1	24.9	28.1
18	59.6	59.0	58.0	58.2	30.6	24.3	28.3	30.3	24.8	27.8
19	57.8	56.4	56.7	57.0	30.1	23.3	27.7	29.3	25.7	27.6
20	56.1	56.0	56.7	56.3	30.3	22.8	27.7	29.3	25.6	27.5
21	57.7	57.8	59.3	58.3	30.7	23.6	27.6	29.9	24.8	27.4
22	60.9	60.4	61.8	61.0	30.7	23.6	28.3	29.8	25.2	27.8
23	61.6	60.4	61.0	61.0	30.0	23.2	27.7	29.4	25.0	27.4
24	60.4	59.8	60.0	60.1	30.1	23.0	27.7	29.4	24.9	27.3
25	59.6	59.1	59.8	59.5	30.1	23.4	27.9	29.4	24.9	27.4
26	61.8	61.3	62.3	61.8	29.9	23.8	27.2	29.4	25.8	27.5
27	62.1	60.5	60.7	61.1	30.1	25.8	27.3	29.7	26.8	27.9
28	60.1	59.3	57.4	58.9	30.0	26.0	27.7	29.8	26.5	28.0
29	58.6	57.8	59.3	58.6	29.1	22.2	27.7	29.1	26.1	27.8
30	59.9	59.7	60.5	60.0	30.2	24.2	27.1	29.6	26.2	27.6
31										
	58.29	57.62	58.20	58.04	30.93	23.83	27.82	30.37	25.77	27.98

Barometer, range for month 762.3 mm. — 754.2 mm.

„ 71-yr. average for month 758.74 mm.

Thermometer, range for month 33.8°C —21.4°C

„ 71-yr. average for month 27.21°C.

Rain, total for month 2.79 mm.

„ 71-yrs. average for month 6.19 mm.

„ Tolal, Sept. 1st. to end of month 2.79 mm.

„ 71-yr. average, Sept. 1st. to end of month 6.19 mm

SEPTEMBER 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	26.1	22.9	20.8	23.3	68	52	64	61	11.0	369.0	
2	22.8	24.6	25.1	24.2	57	55	74	62	11.0	138.0	
3	25.1	28.3	24.4	25.9	67	63	72	67	11.3	18.0	
4	27.1	26.1	25.7	26.3	69	57	76	68	12.1	45.0	
5	28.0	26.8	25.5	26.8	75	61	77	71	11.0	111.0	
6	27.1	23.5	19.8	23.5	69	46	54	58	10.6	330.0	
7	21.7	25.8	25.7	24.4	54	58	77	63	10.4	269.0	
8	25.1	22.9	23.5	23.8	68	52	71	64	9.4	116.0	
9	22.6	26.1	24.1	24.3	58	57	75	63	11.2	84.0	
10	25.4	27.1	26.7	26.4	66	69	77	67	11.2	68.0	
11	27.5	28.8	27.9	28.1	70	65	82	72	8.2	32.0	
12	27.5	27.6	27.9	27.7	70	61	82	71	9.7	93.0	
13	27.5	28.3	26.5	27.4	71	63	78	71	9.5	277.0	
14	26.1	26.1	23.0	25.1	68	57	67	64	7.7	328.0	
15	21.9	24.2	23.3	23.1	89	61	73	74	8.8	175.0	2.79
16	23.7	26.5	21.5	23.9	64	61	66	64	9.5	77.0	
17	26.1	26.1	21.9	24.7	67	59	69	65	9.6	259.0	
18	21.9	25.0	21.9	22.9	56	58	70	61	8.2	330.0	
19	23.7	23.0	27.0	24.6	64	55	82	67	8.0	55.0	
20	21.7	22.1	22.5	22.1	59	53	69	60	8.1	90.0	
21	21.0	21.3	20.9	21.1	57	50	66	58	8.0	66.0	
22	23.3	20.5	22.2	22.0	60	49	69	58	8.4	143.0	
23	22.4	25.2	21.9	23.2	59	61	69	63	8.6	109.0	
24	21.0	25.2	21.8	22.7	56	61	69	62	8.8	101.0	
25	22.4	25.5	24.4	24.1	59	62	78	68	8.9	80.0	
26	25.6	25.5	23.3	24.8	70	62	70	67	9.1	304.0	
27	26.3	27.5	29.9	27.9	74	70	85	76	7.3	491.0	
28	29.5	29.5	30.8	29.9	79	70	89	79	2.2	227.0	
29	28.0	27.0	30.7	28.6	74	67	91	77	3.3	161.0	
30	18.9	26.7	23.3	23.0	52	65	69	62	5.4	615.0	
31											
	24.57	25.52	24.46	24.93	65.6	59.0	73.3	66.1	8.88	185.37	0.09

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	4cu-st	0	4cu	2.7	3sw	3sw	1sw	slight	
2	2cu	2cu	0	1.3	1sw	3sw	1sw	light	
3	0	0	0	0.0	1sw	1nw	1sw	,,	
4	4cu	2cu-ci	1cu-st	2.3	1sw	2sw	0	,,	D. a.m.
5	3cu	3cu-ci	0	2.0	1s	1sw	1sw	light	D. a.m.
6	0	0	0	0.0	1sw	2sw	2n	,,	
7	0	0	0	0.0	4ne	4ne	2ne	mod.	
8	3cu	0	3cu	2.0	1w	2sw	1sw	light	
9	1cu	3cu	0	1.3	1sw	1sw	0	,,	
10	0	3cu	6cu	3.0	1sw	1sw	2sw	light	
11	1cu-st	3cu	2cu-st	2.0	1sw	1w	1sw	,,	
12	0	0	0	0.0	1sw	3sw	1w	,,	
13	2cu	0	0	0.7	1sw	3sw	2sw	,,	
14	1cu	3cu	5cu	3.0	2sw	3nw	3sw	,,	
15	9cu-ni	7cu	3cu	6.3	7nw	4sw	1sw	light	Thunder a.m. W.
16	0	2cu	3cu	1.7	1sw	1w	2sw	,,	
17	0	0	0	0.0	1sw	1n	1sw	,,	
18	0	0	0	0.0	1sw	2n	3n	slight	
19	4st-cu	4cu-st	8st	5.3	1sw	1n	0	calm	
20	3cu	5cu	6cu	4.7	1sw	2sw	2sw	light	
21	2cu	5cu-ci	2cu	2.3	2sw	1w	1sw	,,	
22	6cu	2cu	3cu-ci	3.7	2sw	3w	0	,,	
23	0	1cu-ci	1cu	0.7	1nw	2ne	1ne	,,	
24	1cu	0	3cu	1.3	1sw	2ne	1ne	,,	
25	0	0	0	0.0	1sw	1ne	1s	light	
26	1st	0	0	0.3	1sw	1n	1n	,,	
27	0	1cu	10st-cu	3.7	3ne	4ne	3ne	mod.	
28	10cu-st	4cu	8ci-st	7.3	1sw	1sw	3n	light	
29	10cu	9cu	9st-cu	9.3	1sw	1sw	0	,,	
30	1cu	4cu-ci	1cu	2.0	1sw	4sw	3w	,,	
31									
				2.30					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	0	0	1	24	1	2	0	30
14:30	4	5	0	0	0	15	4	2	0	30
20:30	4	4	0	0	1	14	2	0	5	30
Total	8	11	0	0	2	53	7	4	5	90

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 1.13